

10/089083

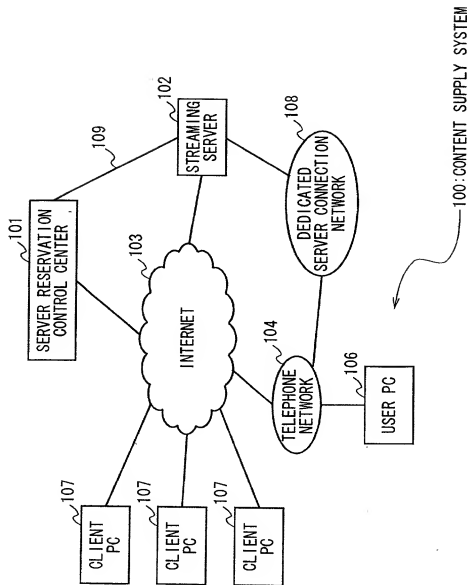


FIG. 1

10/089083

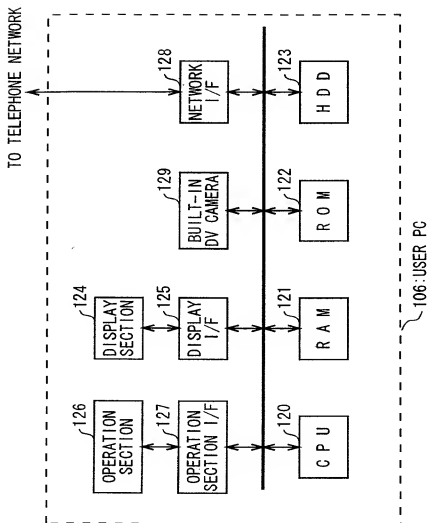


FIG. 2

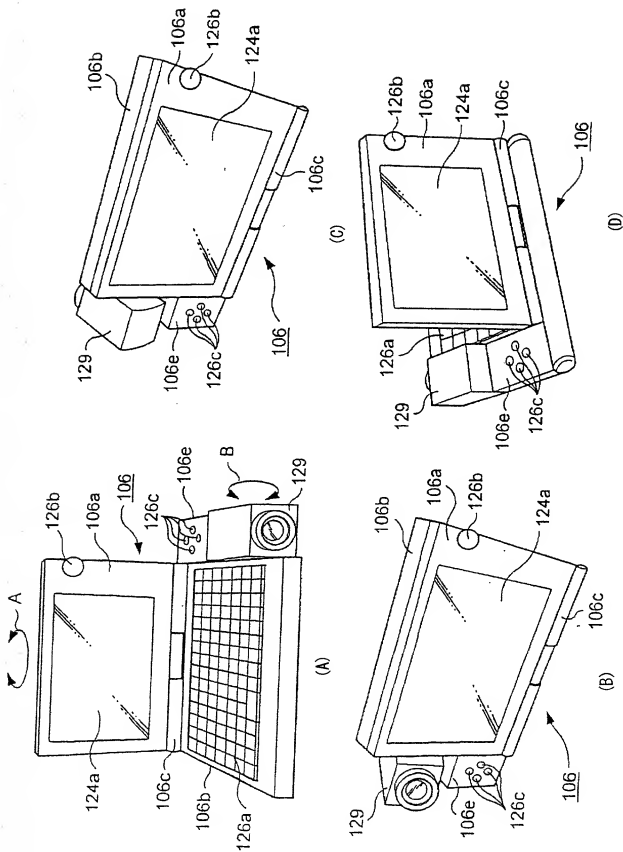


FIG. 3

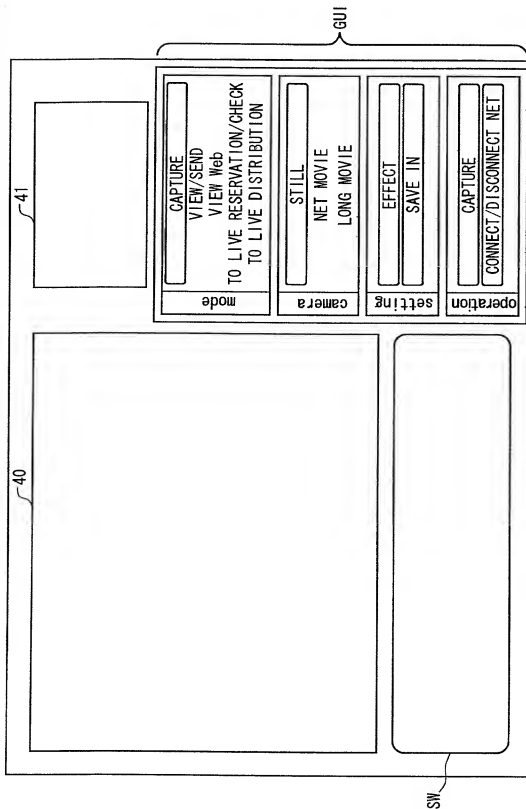
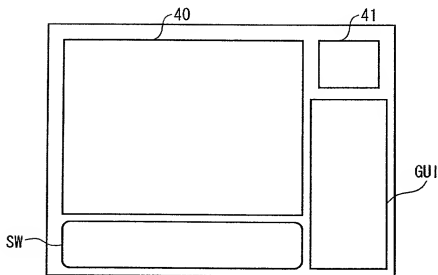
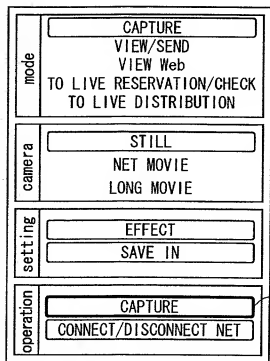


FIG. 4



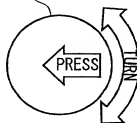
(A)



(B)

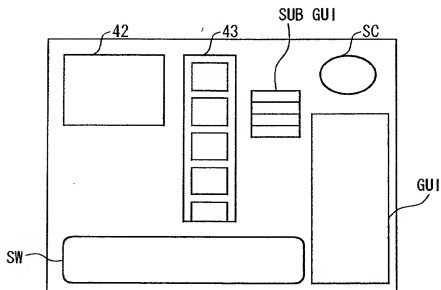
GUI

126b: OPERATION DIAL

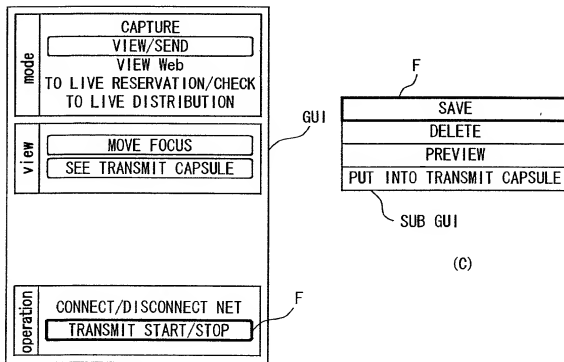


- TURNING OPERATION = MOVE FOCUS
- PRESSING OPERATION = SELECT/DECIDE ITEM

FIG. 5



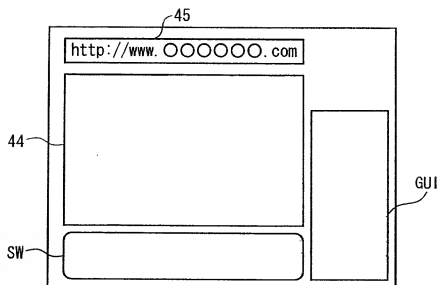
(A)



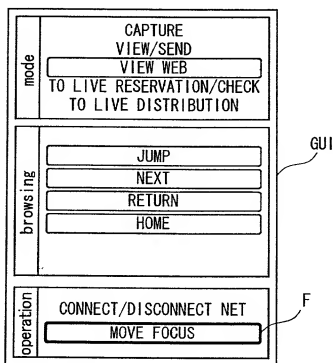
(B)

(C)

FIG. 6

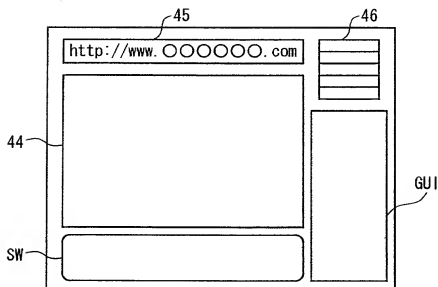


(A)

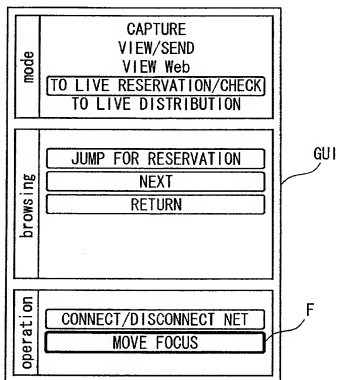


(B)

FIG. 7



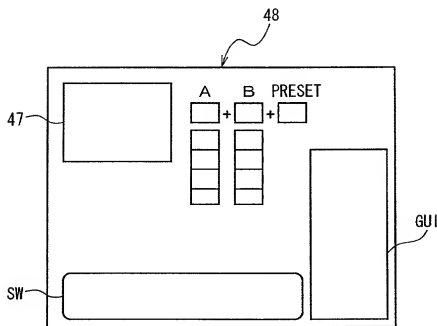
(A)



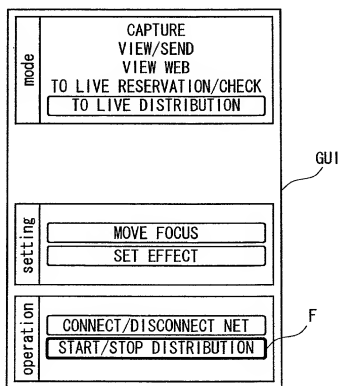
(B)

FIG. 8





(A)



(B)

FIG. 9

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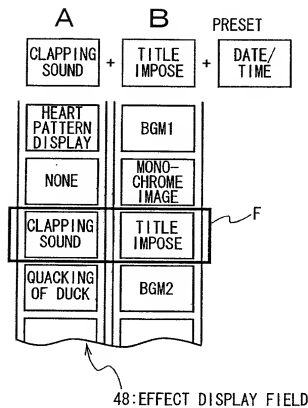


FIG. 10

10/089083

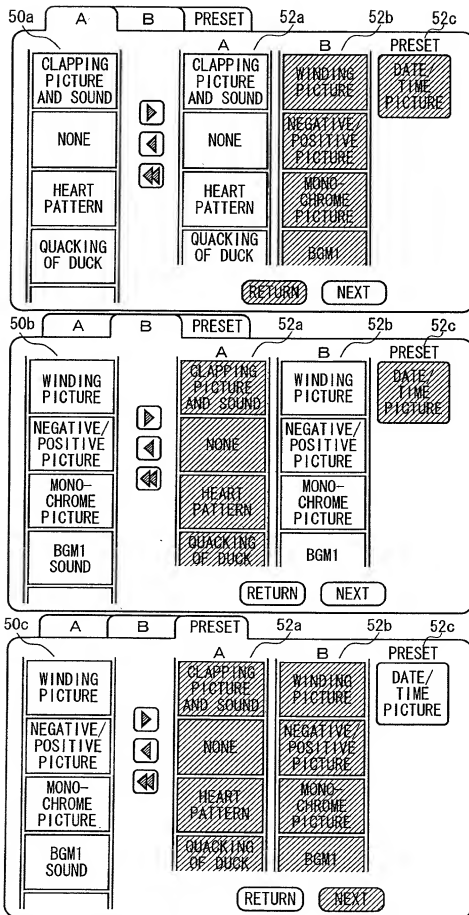


FIG. 11  
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10/089083

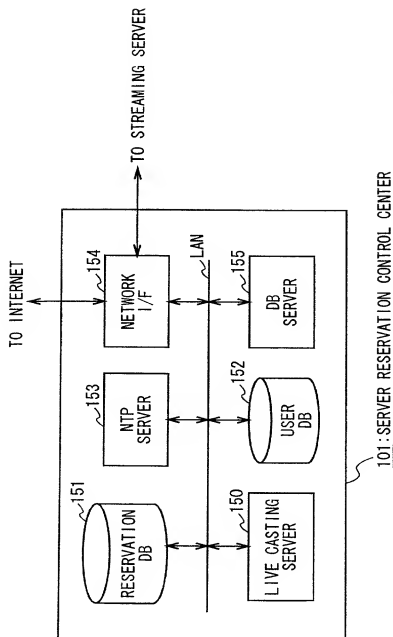


FIG. 12

## WELCOME TO PERSONAL CASTING WORLD

• LOG IN

USER ID:

PASSWORD:

• MEMBER REGISTRATION• WHAT IS PERSONAL CASTING TV?• TODAY'S LIVE• PROGRAM GUIDE• MY CHANNEL• LIVE DISTRIBUTION RESERVATION• PROGRAM PICKUP• IMAGE STATION

FIG. 13

REGISTER YOURSELF AS A MEMBER  
USING THE PERSONAL CASTING SERVICE REQUIRES YOU  
TO BE REGISTERED AS A USER...

CLICK HERE TO REGISTER YOURSELF AS  
A MEMBER >>> LINK TO REGISTRATION PAGE >>>

LIVE DISTRIBUTION ALLOWS YOU TO DO THINGS LIKE  
EXAMPLE OF USE

TO CARRY OUT LIVE DISTRIBUTION  
CARRYING OUT LIVE DISTRIBUTION REQUIRES A CREDIT CARD.

TO VIEW LIVE  
VIEWING LIVE REQUIRES REPLAY SOFTWARE.  
IF YOU HAVE NONE, PRESS THE FOLLOWING  
REPLAY SOFTWARE BUTTON AND DOWNLOAD IT.

REPLAY  
SOFTWARE

LIVE DISTRIBUTION PROVIDERS MAY PUT RESTRICTIONS  
ON PEOPLE WHO CAN VIEW LIVES BY OBLIGING THEM  
TO ENTER PASSWORDS. THESE ARE LIVES THAT THOSE  
PROVIDERS DISTRIBUTE ONLY FOR SPECIFIC PEOPLE AND  
OTHER PEOPLE CANNOT VIEW.

PROCEDURE UP TO LIVE DISTRIBUTION  
PREMIUM MEMBER REGISTRATION  
LIVE PLANNING AND PREPARATION  
DISTRIBUTION RESERVATION  
RESERVATION CHECK  
CONNECTION  
DISTRIBUTION START

FIG. 14

10089083.041002

•CURRENT TIME 15:05 (FOR SERVICE SUPPLY)				
•SPECIAL PROGRAM				
•GENRE				
•TIME	<u>LIVE TITLE</u>	PROVIDER	OUTLINE	MODE
•ON-DEMAND	<u>MOVIE TITLE</u>	PROVIDER	OUTLINE	
	OPEN OR CLOSE			
•PRIVATE PROGRAM				
•GENRE				
•TIME	<u>LIVE TITLE</u>	PROVIDER	OUTLINE	CAPACITY CLOSE

FIG. 15

10089083.041002

CURRENT TIME 15:08 (FOR SERVICE SUPPLY)

GENRE: ROCK MUSIC

LIVE TITLE: ○○○○

PROVIDER (MAIL ADDRESS): ΔΔΔ@XX.COM

HOMEPAGE: HTTP://WWW.Δ0ΔXXX.COM

CAPACITY: 50 PEOPLE

CLOSE OR OPEN

OUTLINE

.....

DETAILS

.....

ENTER PASSWORD:

REPLAY 175

NOTE: REPLAYING THE MUSIC REQUIRES REPLAY SOFTWARE.

REPLAY  
SOFTWARE

CLICK TO DOWNLOAD

FIG. 16



10089083-041002

JULY		2000				
S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

PROGRAM IN THIS WEEK

-SPECIAL PROGRAM  
JULY 5, 2000  
TIME GENRE LIVE TITLE PROVIDER OUTLINE OPEN

TIME GENRE MOVIE TITLE PROVIDER OUTLINE OPEN

-LIVE CHANNEL  
JULY 5, 2000  
GENRE TIME LIVE TITLE PROVIDER OUTLINE CAPACITY PRIVATE

FIG. 17

20074105-089083

THE CONTENTS OF RESERVATION	USER ID	BILLING FLAG INFORMATION	RESERVATION ID
·DATE/TIME ·2ch ·64kbps · ·	0000	ENABLED	x x x x
·DATE/TIME ·4ch ·28.8kbps · ·	x Δ 00	DISABLED	Δ Δ Δ Δ

FIG. 18

10/089083

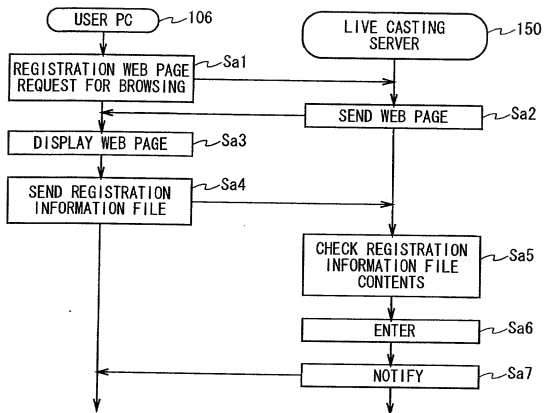


FIG. 19

MEMBER REGISTRATION INPUT SCREEN<sup>210</sup>

INPUT ITEM	INPUT COLUMN
NAME (KANJI) (ALPHABET)	△○ 太郎
DESIRED USER ID	○○ TAROU
PASSWORD	○○○○
E-MAIL ADDRESS	x x x x
OPEN MAIL ADDRESS?	△△△@○○.COM
	YES

IF YOU WANT TO REGISTER AS A PREMIUM MEMBER, CHECK THE CHECKBOX AND ENTER THE FOLLOWING ITEMS.

PREMIUM MEMBER REGISTRATION ☒ <sup>211</sup>

INPUT ITEM	INPUT COLUMN
ADDRESS	○○CITY○○3-5-5
TELEPHONE NUMBER	03-1234-5670
CREDIT CARD NUMBER	1234-5678-9102
CREDIT CARD EXPIRATION DATE	MAY 2003
CELLULAR PHONE NUMBER	090-1000-2000
FACSIMILE NUMBER	03-1234-5671

CANCEL

212

ENTER

213

FIG. 20

10,089083

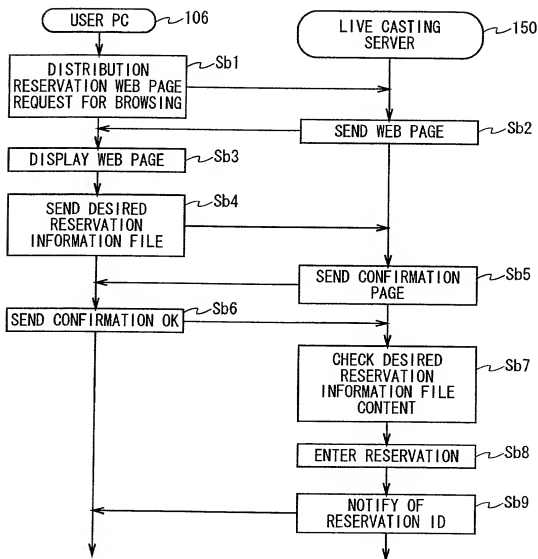


FIG. 21

10/089083

10089083-041002

JULY
2000

S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

ch NO.	CAPACITY	TRANSMIT BAND	SERVICE FEE	6:00	12:00	18:00	24:00
1	5	28.8	¥1000	RESERVED	FREE	RESERVED	FREE
2	10	28.8	¥2000	FREE			RESERVED
3	15	64	¥3000	FREE	RESERVED		FREE
4	50	64	¥10000	FREE		FREE	RESERVED
5	100	64	¥15000	RESERVED		FREE	
6	150	64	¥20000	FREE	RESERVED	FREE	RESERVED
7	100	64	¥50000	FREE	RESERVED		FREE

222

·CHANNEL:CHANNEL 1 (CAPACITY: 5)

·RESERVATION DATE/TIME: JULY 5, 15:00 - 17:00

·OPEN LEVEL: PUBLIC PASSWORD ( ) SECRET ( )

·TITLE: XXXX LIVE

·GENRE: MUSIC

·OPEN OF E-MAIL: YES, NO

·OPEN OF WEB: YES (URL: ), NO

·PASSWORD:\*\*PASSWORD\*\*

·FRIEND LIST

·EMAIL ADDRESS( )( ) ( )

·OUTLINE:20 CHARACTERS

·DETAIL:200 CHARACTERS

223  

RESERVE

224  

CANCEL

FIG. 22

22/43

10/089083

10089083-041002

- USER ID:○○○○
- CHANNEL:CHANNEL 8(CAPACITY: 5)
- RESERVATION DATE/TIME: JULY 5, 15:00 - 17:00
- OPEN LEVEL: PUBLIC PASSWORD (XXXXX) SECRET (XXXXX)
- TITLE: XXXX LIVE
- GENRE: MUSIC
- E-MAIL DISCLOSURE: YES, NO
- WEB DISCLOSURE: YES (URL:                      ), NO
- PASSWORD: \*\* PASSWORD \*\*
- FRIEND LIST
- EMAIL ADDRESS (OO@XX.COM) (△△@XX.CO.JP) (XX@OO.COM)
- OUTLINE: UP TO 20 CHARACTERS
- DETAIL: UP TO 200 CHARACTERS

SERVICE FEE: ¥XXXXX

IN ADDITION TO THIS SERVICE FEE, THE CARRIER WILL CHARGE YOU  
FOR THE TELEPHONE SERVICE TO THE ACCESS PORT SEPARATELY.

△△△@XX000.COM

MAKE SURE THE MAIL ADDRESS ABOVE IS CORRECT.  
YOUR RESERVATION ID WILL BE SENT TO THE MAIL ADDRESS ABOVE.  
ONCE YOU ACQUIRE THE RESERVATION ID, RECONFIRM THE RESERVATION  
WITH "MY CHANNEL" BY 6 HOURS BEFORE THE PROGRAM STARTS.  
THE RESERVATION WITHOUT RECONFIRMATION WILL BE CANCELED.

240                      241  
└─┘                      └─┘  
   

FIG. 23

THANK YOU FOR THE RESERVATION.

CHECK THE MAIL AND RECONFIRM THE RESERVATION ON THE  
"MY CHANNEL" PAGE USING THE CORRESPONDING PC.

245

OK

10089083-041002

FIG. 24



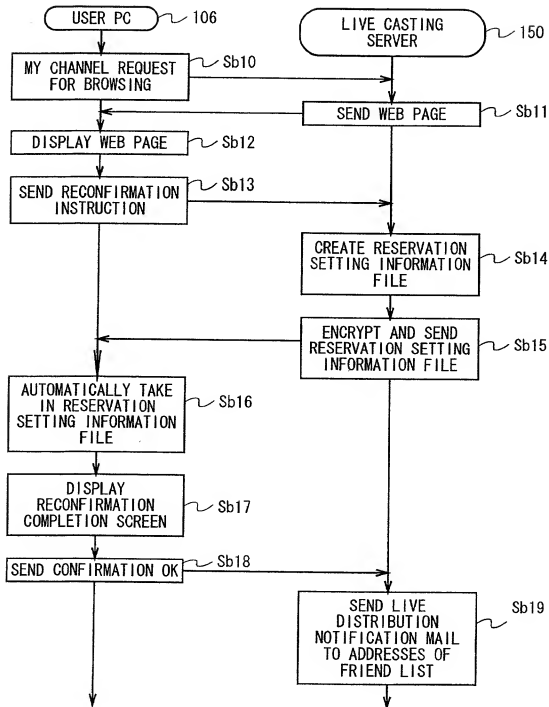



FIG. 25


10089087.011002

MY CHANNEL


RESERVATION LIST  250

RESERVATION LIST RESERVATION DATE/TIME, CHANNEL, TITLE,  
WAITING FOR RECONFIRMATION, CANCEL

TO CHANGE THE DATE/TIME OR CHANNEL, CANCEL THE RESERVATION  
AND MAKE A NEW RESERVATION.

NUMBER OF AUDIENCES  251

YOU CAN VIEW THE NUMBER OF AUDIENCE DATA OF LIVE PROGRAMS  
DISTRIBUTED SO FAR.

CHANGE REGISTRATION INFORMATION FILE  252

YOU CAN CHANGE USER INFORMATION HERE.

FIG. 26

10089083-041002

·USER ID:○○○○  
 ·CHANNEL:CHANNEL 1 (CAPACITY: 5)  
 ·RESERVATION DATE/TIME: JULY 5, 15:00 - 17:00  
 ·OPEN LEVEL: PUBLIC PASSWORD (XXXX) SECRET (XXXX)  
 ·TITLE: XXXX LIVE  
 ·GENRE: MUSIC  
 ·OPEN OF E-MAIL: YES, NO  
 ·OPEN OF WEB: YES (URL: ), NO  
 ·PASSWORD: \*\* PASSWORD \*\*  
 ·FRIEND LIST  
 EMAIL ADDRESS (OO@XX.COM) (△△@XX.CO.JP) (XX@OO.COM)  
 ·OUTLINE: UP TO 20 CHARACTERS  
 ·DETAIL: UP TO 200 CHARACTERS

RESERVATION ID:

INPUT THE RESERVATION ID INCLUDED IN THE MAIL.  
 TO CHANGE THE DATE/TIME OR CHANNEL, CANCEL THIS RESERVATION  
 AND MAKE A NEW RESERVATION.

PRESSING THE RECONFIRM BUTTON WILL AUTOMATICALLY REGISTER  
 THE PC CONNECTION SETTING. BE SURE TO RECONFIRM THE  
 RESERVATION WITH THE CORRESPONDING PC.



FIG. 27

10069083.041002

USER ID:○○○○

LIVE DISTRIBUTION RESERVATION DATE/TIME: 2000:07:05:15:00:00-  
2000:07:05:17:00:00

SERVER ACCESSIBLE TIME: 2000:07:05:14:55:00-2000:07:05:17:05:00

ACCESS TELEPHONE NUMBER

CARRIER 01:03-1234-5670

CARRIER 02:03-1234-5671

CARRIER 03:03-1234-5672

CARRIER 04:03-1234-5673

ACCESS SERVER INFORMATION

TYPE OF SERVER: REALSERVER5

SERVER NAME: LIVESERVER.COM

CONNECTION PORT: 555

STREAM PATH TO SERVER: /CHANNEL/STREAM.RM

ADDRESS INFORMATION FOR DISTRIBUTION REQUEST:

rtsp://liveserver.com:554/channel/stream.rm

TRANSMISSION BAND: 28.8KBPS

TITLE: XXXX LIVE

OUTLINE:.....

OPEN LEVEL:.....

FRIEND LIST ADDRESS INFORMATION

LIST 01: 00@XX.COM

LIST 02: ΔΔ@XX.CO.JP

LIST 03: XX@00.COM

PASSWORD FOR DISTRIBUTION REQUEST: XXXX

FIG. 28

10089083.041002

16:16 (FOR SERVICE SUPPLY)  
16:09 (YOUR PC)

THE RESERVATION HAS BEEN ACCEPTED.  
AS SHOWN ABOVE, THERE IS A TIME DIFFERENCE BETWEEN THE SERVICE  
SUPPLY TIME AND YOUR PC TIME.  
NOTE THAT THE RESERVED DISTRIBUTION WILL BE PERFORMED AT THE  
SERVICE SUPPLY TIME.  
YOU CAN ACCESS THE SITE FROM 5 MINUTES BEFORE THE RESERVED TIME.

IF YOU USE A DIALUP ROUTER, REGISTER THE FOLLOWING AS THE DIAL  
ADDRESS. IN THIS CASE, ONLY CONNECTION VIA ISDN IS AVAILABLE.

ISDN ACCESS PORT NUMBER: 03-1234-5679  
LOG IN ID: RESERVATION ID  
PASSWORD: XXXXXXXX


291

OK

FIG. 29

200740-69069001

10/089083


SENDER: PERSONAL CASTING SERVICE  
DATE/TIME: JULY 3, 2000, 17:15  
ADDRESS: AA@XX CO.JP  
SUBJECT: NOTICE OF LIVE DISTRIBUTION  
ATTACHMENT: 



LIVE DISTRIBUTION BY 000 (USER NAME) WILL BE CARRIED OUT AS FOLLOWS.

- DISTRIBUTION DATE/TIME: JULY 5 15:00 TO 17:00
- TITLE: XXXX LIVE
- ADDRESS FOR DISTRIBUTION REQUEST:rtsp://liveserver.com:554/channel1/stream.rm
- PASSWORD: XXXXXX


FIG. 30

## MY CHANNEL

RESERVATION LIST  250

RESERVATION DATE/TIME, CHANNEL, TITLE,	<u>RECONFIRMED</u> ,	<u>CHANGE</u> ,	<u>CANCEL</u>
	 310	 311	

TO CHANGE THE DATE/TIME OR CHANNEL, CANCEL THE RESERVATION AND  
MAKE A NEW RESERVATION.

NUMBER OF AUDIENCES  251  
YOU CAN VIEW THE NUMBER OF AUDIENCE DATA OF LIVE PROGRAMS  
DISTRIBUTED SO FAR.

CHANGE REGISTRATION INFORMATION FILE  252  
YOU CAN CHANGE USER INFORMATION HERE.

OK

FIG. 31

```

-USER ID:○○○○
-CHANNEL: CHANNEL 1 (CAPACITY: 5)
-RESERVATION DATE/TIME: JULY 5, 15:00 - 17:00
-OPEN LEVEL: PUBLIC   PASSWORD (XXXXX)  SECRET (XXXXX)
-TITLE: XXXX LIVE
-GENRE: MUSIC
-OPEN OF E-MAIL: YES, NO
-OPEN OF WEB: YES (URL:                ), NO
-PASSWORD: ** PASSWORD **
-FRIEND LIST
  EMAIL ADDRESS (OO@XX.COM) (△△@XX.CO.JP) (XX@OO.COM)
-OUTLINE: UP TO 20 CHARACTERS
-DETAIL:  UP TO 200 CHARACTERS

```

RESERVATION ID:

INPUT THE RESERVATION ID INCLUDED IN THE MAIL.  
TO CHANGE THE DATE/TIME OR CHANNEL, CANCEL THIS RESERVATION  
AND MAKE A NEW RESERVATION.

```

321  UPDATE
322  RETURN

```

FIG. 32



17:08 (FOR SERVICE SUPPLY)  
17:11 (YOUR PC)

THE CHANGE HAS BEEN ACCEPTED.

AS SHOWN ABOVE, THERE IS A TIME DIFFERENCE BETWEEN THE SERVICE  
SUPPLY TIME AND YOUR PC TIME.

NOTE THAT THE RESERVED DISTRIBUTION WILL BE PERFORMED AT THE  
SERVICE SUPPLY TIME.

YOU CAN ACCESS THE SITE FROM 5 MINUTES BEFORE THE RESERVED TIME.

IF YOU USE A DIALUP ROUTER, REGISTER THE FOLLOWING AS THE DIAL  
ADDRESS. IN THIS CASE, ONLY CONNECTION VIA ISDN IS AVAILABLE.

ISDN ACCESS PORT NUMBER:  
LOG IN ID: RESERVATION ID  
PASSWORD: XXXXXX

331

O K

FIG. 33

·USER ID:○○○○  
 ·CHANNEL: CHANNEL 1 (CAPACITY: 5)  
 ·RESERVATION DATE/TIME: JULY 5, 15:00 - 17:00  
 ·OPEN LEVEL: PUBLIC PASSWORD (XXXXX) SECRET (XXXXX)  
 ·TITLE: XXXX LIVE  
 ·GENRE: MUSIC  
 ·OPEN OF E-MAIL: YES, NO  
 ·OPEN OF WEB: YES (URL: ), NO  
 ·PASSWORD: \*\* PASSWORD \*\*  
 ·FRIEND LIST  
 EMAIL ADDRESS (OO@XX.COM) (△△@XX.CO.JP) (XX@OO.COM)  
 ·OUTLINE: UP TO 20 CHARACTERS  
 ·DETAIL: UP TO 200 CHARACTERS

THIS RESERVATION WILL BE CANCELED.

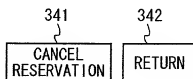


FIG. 34

THE RESERVATION HAS BEEN CANCELED.

343

OK

FIG. 35

·USER ID: ○○○○  
 ·CHANNEL: CHANNEL 1 (CAPACITY: 5)  
 ·RESERVATION DATE/TIME: JULY 5, 15:00 - 17:00  
 ·OPEN LEVEL: PUBLIC PASSWORD (XXXXX) SECRET (XXXXX)  
 ·TITLE: XXXX LIVE  
 ·GENRE: MUSIC  
 ·OPEN OF E-MAIL: YES, NO  
 ·OPEN OF DISCLOSURE: YES (URL:                      ), NO  
 ·PASSWORD: \*\* PASSWORD \*\*  
 ·FRIEND LIST  
     EMAIL ADDRESS (OO@XX.COM) (△△@XX.CO.JP) (XX@OO.COM)  
 ·OUTLINE: UP TO 20 CHARACTERS  
 ·DETAIL: UP TO 200 CHARACTERS

## RESERVATION ID:

IF YOU USE A DIALUP ROUTER, REGISTER THE FOLLOWING AS THE DIAL ADDRESS. IN THIS CASE, ONLY CONNECTION VIA ISDN IS AVAILABLE.

ISDN ACCESS PORT NUMBER:  
 LOG IN ID: RESERVATION ID  
 PASSWORD: XXXXXXXX

361

362

REENTER PC CONNECTION SETTING

RETURN

FIG. 36

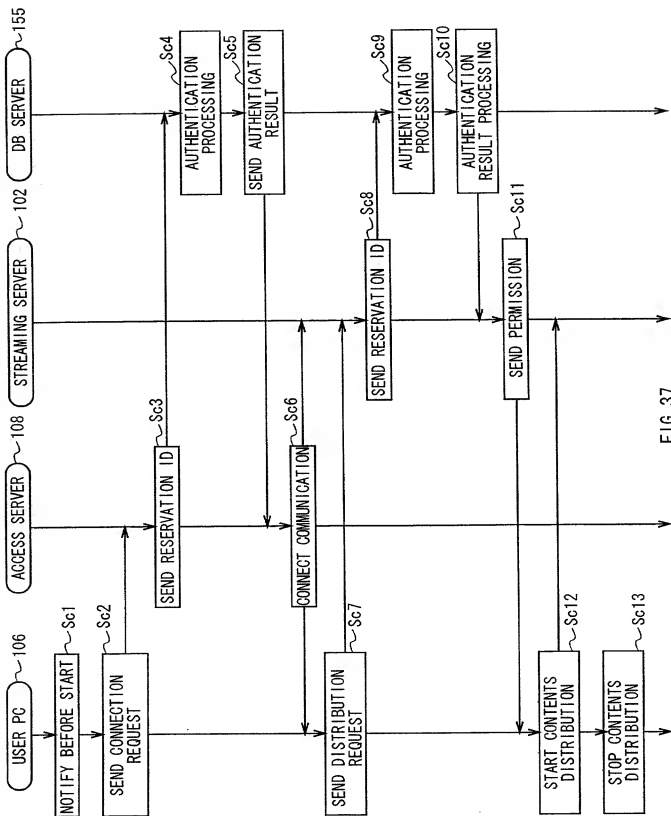


FIG. 37

CURRENT TIME 15:08 (FOR SERVICE SUPPLY)  
390

GENRE: ROCK MUSIC  
LIVE TITLE: ○○  
PROVIDER (MAIL ADDRESS)  
HOMEPAGE: http://  
CAPACITY: 50 PEOPLE  
CLOSED OR OPEN

OUTLINE  
.....  
.....  
DETAILS  
.....  
.....

ENTER PASSWORD:

175

NOTE: REPLAYING THE MUSIC REQUIRES REPLAY SOFTWARE.

176  
CLICK TO DOWNLOAD

FIG. 38

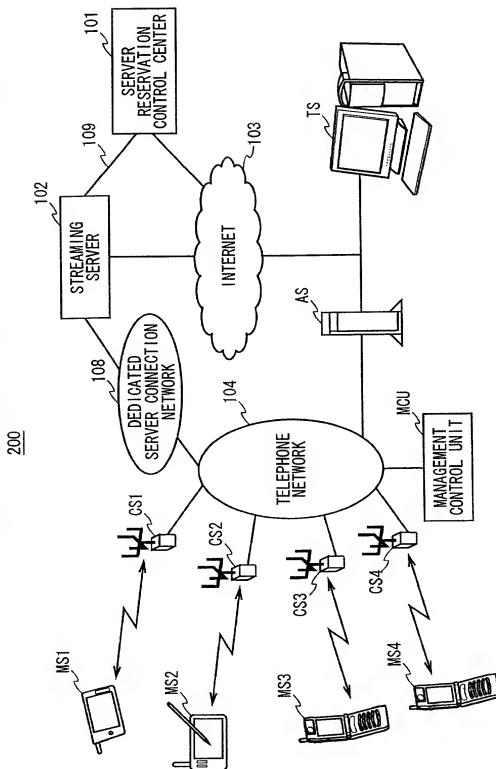


FIG. 39

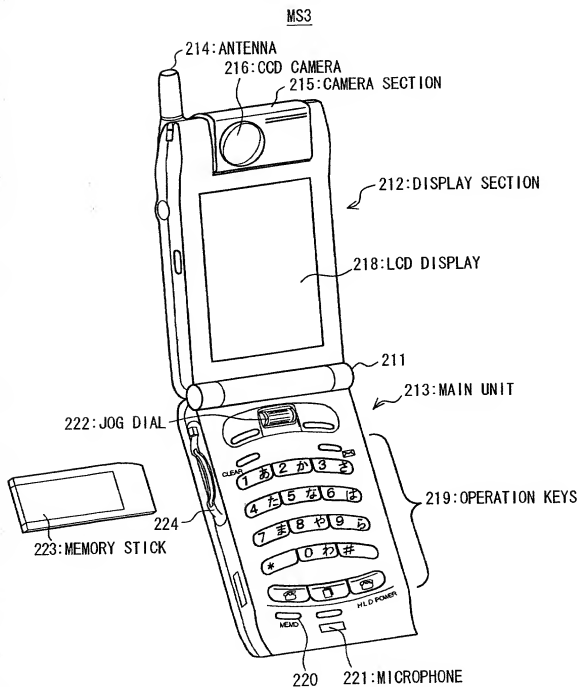


FIG. 40



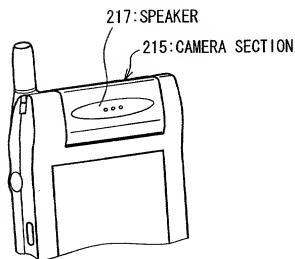


FIG. 41

200140\*88068001

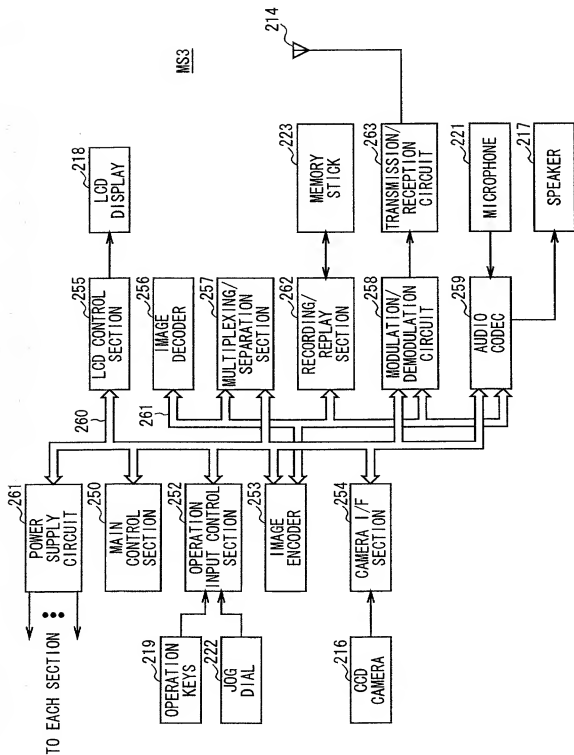


FIG. 42

## Explanation of Reference Numerals

100...content supply system, 101...server reservation control apparatus, 102...streaming server, 103...Internet, 104...telephone network, 106...user PC, 107...client PC, 108...dedicated server connection network, 150...live casting server, 151...reservation database, 152...user database, 153...NTP server, 154...network interface, 155...database server, 200...network system, MS3, MS4...camera-integrated digital cellular phone

1000000-041002